

SECTION 13

PAINTING: PROTECTIVE, ON METAL

13-01 SCOPE: The work covered by this section of the specifications consists in furnishing all plant, labor, equipment, appliances and materials not furnished by the Government, and in performing all operations in connection with protective painting on metal, complete, subject to the terms and conditions of the contract, and in strict accordance with this section of the specifications and the applicable drawings.

13-02 APPLICABLE SPECIFICATIONS: The following Federal Specifications, of the issues listed below but referred to thereafter by basic designation only, form a part of this specification.

TT-P-20	Paint, Blue-Lead-Base; Basic-Sulphate, Linseed-Oil, Ready-Mixed
TT-P-31a	Paint; Iron-Oxide, Ready-Mixed and Semi-Paste, Red and Brown
TT-P-86a	Paint, Red-Lead-Base; Linseed-Oil, Ready-Mixed

13-03 GENERAL: Unless otherwise specified, all exterior and interior ferrous metal except reinforcing steel, bolts, rough hardware and metal with non-ferrous coating shall be given a shop coat of protective paint. Paint shall conform to the requirements of the paragraph on MATERIALS below or, subject to the approval of the Contracting Officer, may be a baked-on shop coat of rust-inhibitive paint of a type standard with the manufacturer, provided such shop coat has proved performance characteristics at least equal to those of the materials specified herein.

13-04 MATERIALS:

a. Exterior type paint: Federal Specification TT-P-20 or TT-P-86.

b. Interior type paint: Federal Specifications TT-P-20, TT-P-31, or TT-P-86.

13-05 APPLICATION: Surfaces to be painted shall be thoroughly cleaned of scale, dirt and rust by the use of steel scrapers, wire brushes, sand blast or other equally suitable tools or methods. Oil and grease shall be removed with benzine or other suitable solvent. Paint shall be kept well stirred while it is being applied. No paint shall be used after it has caked or hardened. Paint shall be well worked into all joints and corners. Paint shall not be applied to damp surfaces.